

**MEMORANDUM OF UNDERSTANDING  
AMONG  
HEADQUARTERS, U.S. ARMY CORPS OF ENGINEERS,  
U.S. ARMY ENGINEER DIVISION, NORTHWESTERN, AND  
U.S. ARMY ENGINEER DIVISION, MISSISSIPPI VALLEY**

**SUBJECT: Memorandum of Understanding for Corps of Engineers  
Defense Messaging System (DMS), Local Control Centers**

1. **Reference.** CEIM-P memorandum, 24 Jul 98, subject: USACE Defense Message System (DMS) Hub Deployment - FOR DECISION. Recommendations approved by the Chief of Engineers, 28 Jul 98.
2. **Purpose.** This Memorandum of Understanding establishes the roles and responsibilities of those organizations that are responsible for the overall management and operations of the U.S. Army Corps of Engineers Local Control Centers for DMS.
3. **Background.**
  - a. For over three decades, the National Command Authority (NCA), relied upon the AUTODIN military messaging system to transmit command and control messages. The AUTODIN delivery system is paper based and backup (COOP) services were based on geographic proximity. (Your backup delivery site had to be the closest military facility to your location.)
  - b. The AUTODIN system suffers from the Year 2000 problem, and must be replaced prior to 1 January 2000.
  - c. The Corps of Engineers presently operates 36 AUTODIN centers.
4. **Scope.** The scope of this memorandum encompasses a concept of operations and projected infrastructure necessary for the operation and management of all DMS Local Control Centers (LCC) to provide DMS service for the Corps of Engineers.
5. **Understanding/Agreements.**
  - a. The strategic goal is to provide high quality, cost effective, reliable DMS services to all members of the Corps of Engineers family worldwide. To achieve that goal, HQUSACE will establish two LCC's for DMS service. These LCC's will be responsible for all operational DMS messaging activities for the Corps of Engineers and its non-Corps customers.

b. Concept of Operations.

(1) DMS will continue indefinitely as the critical component of the Department of Defense Command and Control infrastructure. This criticality means that Corps senior management must focus attention and resources on this area of operations to insure an extremely high level of service.

(2) The Corps of Engineers has a considerable investment in electronic mail infrastructure and expertise. This existing infrastructure and expertise should be utilized to the maximum extent possible to minimize the cost of DMS implementation and operation.

(3) There shall be two LCC's that provide DMS service to the Corps of Engineers. Each LCC will service approximately one half of the Corps user base, and will provide operational backup to the other site to assure delivery of DMS messages to the maximum extent possible within the given DMS architectural limitations.

(4) To instill a highly defined sense of responsibility for the overall management and operations of the two LCC's, a single organizational entity, or Lead LCC, will be assigned the responsibility of total operational control for all DMS facilities in the Corps of Engineers. Policy and guidance will come exclusively from HQUSACE or higher authority. All technical operational functions will be directed by the Lead LCC.

(5) The Lead LCC will also be responsible for the direction of testing and integration of new technologies over time that would enhance the performance and effectiveness of the Corps of Engineers DMS implementation.

c. Headquarters, U.S. Army Corps of Engineers (HQUSACE), in conformance with direction from higher authority, will establish two LCC's for DMS messaging services as well as disseminate policy and guidance for all DMS support services. To carry out these responsibilities, HQUSACE will:

(1) Establish a Lead DMS Local Control Center (Lead LCC) subordinate to HQNWD.

(2) Establish a second DMS Local Control Center subordinate to HQMVD.

(3) Provide policy and guidance on the implementation and integration of DMS within the Corps of Engineers.

(4) Attend DoD and Army policy and deployment meetings on the DMS with the goal of providing policy oversight for the Corps deployment and operation of DMS.

(5) Pending funding availability, provide the LCC's a combined estimated \$1.6M for FY99 and an estimated \$1.5M for FY00. Funding sources and amounts will be reviewed, as required. No FTE will be provided to either NWD or MVD as a result of this agreement.

d. Northwestern Division (NWD) will serve as the Lead LCC. NWD will retain a high degree of technical awareness of the electronic messaging industry with the aim of constantly seeking to improve the reliability, performance, and effectiveness of the Corps of Engineers DMS capabilities. To carry out these responsibilities NWD will:

(1) Provide operational control and direction for all DMS facilities in the Corps of Engineers.

(2) Manage, operate, and maintain the hardware and software that constitutes the DMS LCC for approximately one half of the Corps of Engineers.

(3) Provide backup capability for the second DMS LCC.

(4) Install and operate dial up access for those customers unable to access DMS messages via network capability.

(5) Attend DoD and Army policy and deployment meetings on the DMS with the goal of providing technical expertise for the Corps deployment and operation of DMS.

(6) Provide initial installation and training of LCC provided DMS client user agents (PC Card Readers, FORTEZZA cards, and software) for "organizational" DMS users and non-Corps customers.

(7) Assist HQUSACE in development of annual DMS Command budget requirements.

(8) Provide quarterly statements of program fund execution to the USACE DMS PM.

e. Mississippi Valley Division (MVD) will serve as the second LCC. MVD will retain a high degree of technical awareness of the electronic messaging industry with the aim of constantly seeking to improve the reliability, performance and effectiveness of the Corps of Engineers DMS capabilities. To carry out these responsibilities MVD will:

(1) Manage, operate, and maintain the hardware and software that constitutes the DMS LCC for approximately one half of the Corps of Engineers.

(2) Provide backup capability for the Lead DMS LCC.

(3) Install and operate dial up access for those customers unable to access DMS messages via network capability.

(4) Attend DoD and Army policy and deployment meetings on the DMS with the goal of providing technical expertise for the Corps deployment and operation of DMS.

(5) Provide initial installation and training of LCC provided DMS client user agents (PC Card Readers, FORTEZZA cards, and software) for "organizational" DMS users and non-Corps customers.

f. All other Corps of Engineer field activities will be responsible for maintaining and operating local DMS compatible electronic mail systems to accommodate the porting of sensitive-but-unclassified DMS traffic. To carry out these responsibilities, all other Corps of Engineers Activities will:

(1) Install and maintain LCC provided DMS client user agents (PC Card Readers, FORTEZZA cards, and software) for those local "organizational" DMS users.

(2) Procure, install and maintain local DMS client user agents (PC Card Readers, FORTEZZA cards, and software) for those local "individual" DMS users.

(3) Provide user training in the operation of DMS client software.

(4) Be responsible for local security compliance associated with classified DMS messages.

(5) Appoint Organizational Registration Authorities (ORA) to act as the intermediary between the activity users and the LCC Certification Authority. The ORA verifies the identity of prospective users and takes action to register them in the DMS.

6. For FY01 and beyond, fund operation of the LCC's on a fee for service basis.

7. **Effective Date.** This MOU is effective upon signature.

8. **Amendment/Termination.** This MOU will be reviewed every 12 months to insure that procedures are working appropriately and amended as necessary. The HQUSACE

reserves the right to cancel this MOU if unresolved Command and Control conflicts impact day to day operations.

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